ENERGY SURETY MICROGRID™

TECHNOLOGY READINESS LEVEL: 3

EARLY LABORATORY PROTOTYPES DEMONSTRATE PROOF OF CONCEPT.

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586,828,1240,1295,1306

TECHNOLOGY SUMMARY

The Energy Surety Microgrid™ (ESM) is a Risk Assessment Methodology (RAM) which is a vulnerability assessment for the critical power delivery functions and needs of a community. The microgrid serves as a predecessor to the larger-scale smart grid making it more specific to serve hospitals, military bases, residential communities, emergency response, etc. in utilizing renewable energy sources when traditional sources fail or are inadequate.

POTENTIAL APPLICATIONS

- Solar energy generation
- Energy Storage
- Battery charging applications
- Emergency response
- Alternate energy and power supply

TECHNOLOGICAL BENEFITS

- Risk Assessment– assists in planning and analysis of potential risks
- Methodology– provides a systematic approach to ensuring power delivery
- Energy independence for small-scale populations
- Reduces risk of power loss/outages
- Integrates with renewable energy sources

TECHNOLOGY INQUIRY?

For more information or licensing opportunities contact us at

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or visit

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